SEQUENCE LISTING

<110> Zhang, Sheng
Van Pelt, Colleen K.
Schultz, Gary A.

<120> A ONE-WELL ASSAY FOR HIGH THROUGHPUT DETECTION OF SINGLE NUCLEOTIDE POLYMORPHISMS

<130> 200701/1092

<140>
<141>

<150> 60/243,952
<151> 2000-10-27

<150> 60/250,434
<151> 2000-12-01

<160> 28

<170> PatentIn Ver. 2.1

<210> 1
<211> 279
<212> DNA
<213> Homo sapiens

<400> 1
aagcaaagga gaagctgaga agatgaagga aaagtcaggg tctggagggg cgggggtcag 60
ggagctcctg ggagatatgg ccacatgtag cggctctgag gaatgggtta caggagacct 120
ctggggagat gtgaccacag caatgggtag gagaatgtcc agggctatga aagtcgagta 180
tggggacccc cccttaacga agacagggcc atgtagaggg ccccagggag tgaaagagcc 240
tccaggacct ccaggtatgg aatacagggg acgtttaag 279

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 2
aagcaaagga gaagctgaga 20

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 3
cttaaacgtc ccctgtattc 20

<210> 4
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 4
agtcgagtat ggggacccc ccttaa 26

<210> 5
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 5
gttaacaatc agcttgccaa at 22

<210> 6
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 6
cagttctcct ccactgcctt at 22

<210> 7
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 7
gcaactcata ccagcccatg ggtctac 27

<210> 8
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 8
acctttttcca tgtggtaact ga 22

<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 9
cactaaatca gctttaatcc catt 24

<210> 10
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 10
ggacactaaa tcagctttaa tcccattatt aagaaa 36

<210> 11
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 11
ctcccccatg tacttcttcg t 21

<210> 12
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 12
gcagatcatg gagtcaaaca ca 22

<210> 13
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 13
acattgtcaa tgtggcgcac aaaggc 26

<210> 14
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 14
tttgccaacc cttaaaatca at 22

<210> 15
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 15
gcaggacttc agttccactg tt 22

<210> 16
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 16
gctattttta gtcagccatg catttggatt ttac 34

<210> 17
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 17
gcagccctgt ccaatggaat acaacatt 28

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 18
tgtttctctc ccatcctcac tt 22

<210> 19
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<220>
<221> modified_base
<222> (1)
<223> N at position 1 is phosphorylated thymine

<400> 19
ngtttctctc ccatcctcac tt 22

<210> 20
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 20
actttggtgg ctcgagattc ta 22

<210> 21
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 21
ctctcccatc ctcacttcct caacgc 26

<210> 22
<211> 28
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 22
cagtcaccgc ttctgccaga accgggtc 28

<210> 23
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesized oligo templates

<400> 23
cccctgtatc ctgtgtgaaa ttgttatccg ctc 33

<210> 24
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesized oligo templates

<400> 24
cccctgtctc ctgtgtgaaa ttgttatccg ctc 33

<210> 25
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesized oligo templates

<400> 25
cccctgtgtc ctgtgtgaaa ttgttatccg ctc 33

<210> 26
<211> 33
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesized
oligo templates

<400> 26
ddddtgtttc ctgtgtgaaa ttgttatccg ctc 33

<210> 27
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 27
agcggataac aatttcacac agga 24

<210> 28
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<220>
<221> modified_base
<222> (1)
<223> N at position 1 is phosphorylated guanine

<400> 28
ncagatcatg gagtcaaaca ca 22